

FY 2010 CRC Calculation (December 2008)

					Projected beginning balance for FY2008 per financial cash flow analysis
					Basin Fund Target Balance = 15% *PAE
					Per financial cash flow analysis plus projected additional revenue from rate adjustment
Step 1	BFBB	Basin Fund Beginning Balance (\$)	\$	FY2010 78,586,000	Per financial cash flow analysis
	BFTB	Basin Fund Target Balance	\$	21,687,450	=PAR-PAE
	PAR	Projected Annual Revenue (\$) w/o CRC	\$	184,227,000	=BFBB + NR
	PAE	Projected Annual Expense (\$)	\$	144,583,000	
	NR	Net Revenue (\$)	\$	39,644,000	FY '08 Shp energy allocation excluding project use
	NB	Net Balance (\$)	\$	118,230,000	Projected generation from the most current 24-month study, does not include project use
Step 2	EA	SHP Energy Allocation (GWh)		4,948.78	Forecasted Energy Purchase (GWh) from the most current 24 month study
	HE	Forecasted Hydro Energy (GWh)		5,553.25	Average price = 60% onpeak + 40% offpeak
	FE	Forecasted Energy Purchase (GWh)		324	Estimated purchased power costs based upon most current 24-month study.
	Price	Average price per MWh for purchased power	\$	46.52	
	FX	Forecasted Energy Purchase Expense (\$)	\$	15,089,247	If NB is greater than BFTB then use FA1=FX, if NB is less than BFTB then use FX-(BFTB-NB) Formula is: =IF(NB>BFTB,FX,FX-(BFTB-NB))
Step 3	FA1	Basin Fund Balance Factor (\$)	\$	15,089,247	
	FA2	Revenue Factor (\$)	\$	15,089,247	If NR is greater than -25% of BFBB then FX, if NR is less than -25% of BFBB then, FX+(NR+(25% * BFBB)) Formula is: =IF(NR>-(0.25*BFBB),FX,FX+(NR+(0.25*BFBB)))
	FA	Funds Available (\$) (Lesser of FA1 or FA2)	\$	15,089,247	
	FARR	Additional Revenue to be Recovered (FX-FA)	\$	-	Funds available for firming purchases
Step 4	WL	Waiver Level (GWh)		5,553	=FX-FA
	WLP	Waiver level percentage of full SHP		112%	Equals the lesser of SHP or HE + (FE * (FA / FX))
	CRCE	CRC Energy GWh (EA-WL)		0	Percent of waiver level to full SHP
	CRCEP	CRC level percentage of full SHP		0%	= EA-WL (Does not include losses projected at 7.81%)
	CRC	Cost Recovery Charge (mills/kWh)		-	Percent of CRCE to full SHP or CRCE/EA
Note:		Cash flow projections 12/08 December 2008, 24-month study			=FARR / (EA * 1000)